

WHAT IS CLAIMED IS:

1. A device for compressing a load of particulate material in an open-top trailer comprising:

5 a frame mounted on a support so as to be elevated over a load of particulate material in an open-top trailer,

a drum roller rotatably mounted to said frame,

10 a windrower mounted to said frame adjacent said drum roller,

said windrower for windrowing a heaped portion of said load of particulate material, said heaped portion heaped above upper edges of sides of said trailer, said windrower windrowing said heaped portion into a windrow of particulate material generally centrally aligned with a longitudinal axis of said trailer as said trailer and said windrower are translated relative to one another along said longitudinal axis,

said drum roller disposed on said frame so as to roll over and thereby compress said windrow of particulate material as said trailer and said roller translate relative to one another along said longitudinal axis.

2. The device of claim 1 wherein said windrower has a converging load compression surface for slidably engaging and compressing said heaped portion of said load of particulate material.

3. The device of claim 2 wherein said load compression surface is a funnel.

4. The device of claim 1 wherein said roller extends along its axis of rotation so as to extend to at least said sides of said trailer.

5. A device for compressing a load of particulate material in an open-top trailer comprising:

a frame mountable on a support so as to be elevated over a load of particulate material in an open-top trailer,

a drum roller rotatably mountable to said frame,

a windrower mountable to said frame adjacent said drum roller,

said windrower for windrowing a heaped portion of said load of particulate material, said heaped portion heaped above upper edges of sides of said trailer, said windrower windrowing said heaped portion into a windrow of particulate material generally centrally aligned with a longitudinal axis of said trailer as said trailer and said windrower are translated relative to one another along said longitudinal axis,

said drum roller disposed on said frame so as to roll over and thereby compress said windrow of particulate material as said trailer and said roller translate relative to one another along said longitudinal axis.

6. The device of claim 5 wherein said windrower has a converging load compression surface for slidably engaging and compressing said heaped portion of said load of particulate material.

7. The device of claim 6 wherein said load compression surface is a funnel.

8. The device of claim 5 wherein said roller extends along its axis of rotation so as to extend to at least said sides of said trailer.